

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: E.E. Schadt et al. Attorney Docket No.: ROSA134255  
Application No.: 10/567282 Art Unit: 1631 / Confirmation No.: 2454  
Filed: August 22, 2006 Examiner: C.L. Smith  
Title: COMPUTER SYSTEMS AND METHODS FOR INFERRING CASUALITY  
FROM CELLULAR CONSTITUENT ABUNDANCE DATA

SUPPLEMENTAL AMENDMENT IN RESPONSE TO  
NOTIFICATION OF NON-RESPONSIVE AMENDMENT

Seattle, Washington 98101

January 7, 2011

TO THE COMMISSIONER FOR PATENTS:

INTRODUCTORY COMMENTS

Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

LAW OFFICES OF  
CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue  
Suite 2800  
Seattle, Washington 98101  
206.682.8100